

Top 6 network requirements for the Internet of Things

The recent growth of the Internet of Things (IoT) has seen an explosion of highly specialised devices. These devices send out streams of machine data, sometimes continuously, all of which need the support of the network to run effectively.

What's connected in an IoT world?

IoT presents the opportunity to connect the unconnected. It enables new experiences and services by connecting:

- People
- Process
- Data
- Things

Take a look at the 6 considerations you need to make to ensure your network can support the requirements of the growing number IoT devices.



1. Increased bandwidth

More devices mean your network will need to have the bandwidth to process the extra data seamlessly.



2. Greater capacity

More capacity coincides with the need for more bandwidth. Without the capacity, you cannot expand your bandwidth.



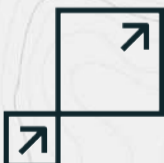
3. Faster speeds

Many IoT devices bring value from offering real-time or near real-time insight to shape business decisions. From monitoring stock levels in a warehouse to identifying a leak in the data centre, IoT demands rapid data response to deliver value. This real-time demand makes the speed of your network vital to the success of IoT.



4. Improved reliability

Many IoT devices are 'always on', transmitting data continuously to enable trends to be identified or to keep a manufacturing site running safely, meaning down-time is not an option.



5. Easy scalability

With the number of IoT devices growing rapidly, there's no doubt that the demand on your network will continue to increase. Therefore, your network needs to be designed to scale up and out when needed and in a way that doesn't strain your infrastructure management team.



6. End-to-end security

The rise of IoT devices increases the attack surface by expanding the perimeter of your network through a greater number of endpoints. Edge security that protects the outer most points of your network is vital in protecting your business, people and customers.

The Natilik team is on hand to assist you with building IoT ready network infrastructure that delivers seamless experiences with security at its core.

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